

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	313/506.ccls. and ((etl eil ((electron generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3) near3 (layer film coat\$4 sheet\$4 material region laminat \$4)))) same (HBLU/C. (hole generation charge) near2 (block\$3 interference retarding prevent\$3) near3 (layer film coat\$4 sheet\$4 material region laminat\$4)) same (dielectric insulat\$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/08 11:07
L2	1080	313/506.ccls. and ((etl eil ((electron generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3) near3 (layer film coat\$4 sheet\$4 material region laminat \$4)))) same (HBLU/C. (hole generation charge) near2 (block\$3 interference retarding prevent\$3) near3 (layer film coat\$4 sheet\$4 material region laminat\$4))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/08 11:09
L3	2	"10294182"	EPO; JPO; DERWENT	OR	ON	2009/02/08 11:53
S1	2	"20070085465"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/11 20:17
S2	2	"20070170843"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/11 20:33
S3	1	"2004349007"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/11 20:45
S4	0	"200526121"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/11 20:50
S5	3	"2005026121"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/11 20:50
S6	16	"1631125"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/11 20:52

S7	4	"1631125"	EPO; DERWENT	OR	ON	2009/01/11 20:53
S8	4	("6259203"   "6416888"   "6437373"   "6489489"   "6504300"   "6635365"   "6762438").PN.	EPO; DERWENT	OR	ON	2009/01/11 21:33
S9	4	"2006024421"	EPO; DERWENT	OR	ON	2009/01/11 21:44
S10	197	((KENJI) near2 (HAYASHI)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/11 21:46
S11	11	("20040075389"   "20040201351"   "20050110409"   "5541618"   "5661500"   "5663741"   "5674553"   "5724054"   "5786794"   "5952782"   "6630916"   "6707436"   "RE37444"). PN.	EPO; DERWENT	OR	ON	2009/01/11 22:00
S12	1	"20040119407"	EPO; DERWENT	OR	ON	2009/01/11 22:04
S13	3	"20040056587"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/01/11 22:04
S14	7	("20030227254"   "20040036412"   "5416494"   "6433487"   "6548956"   "6879096"). PN. OR ("7034452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/11 22:04
S15	3	"9745854"	EPO; DERWENT	OR	ON	2009/01/13 11:56
S16	534281	(LED.U/C. OLED.U/C. OLED. U/C. ((electro\$1luminescen \$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode)))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 13:49
S17	7416	S16 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with (cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with (anode first\$electrode (first adj2 electrode)) with (phosphor \$4 luminescen\$3 photo	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 13:54

		\$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))))				
S18	1697	S17 and (htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with oxide	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 13:59
S19	181	kodak.as. and oxide with (cathode ((negative metal) near2 (pole electrode )))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:08
S20	70	kodak.as. and (alkali) with (metal oxide) with (cathode ((negative metal) near2 (pole electrode )))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:08
S21	534281	(LED.U/C. OLED.U/C. OLED. U/C. ((electro\$1luminescen \$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode)))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:20
S22	7416	S21 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with (cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with (anode first\$electrode (first adj2 electrode)) with (phosphor \$4 luminescen\$3 photo \$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:20

S23	1697	S22 and (htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with oxide	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:20
S24	30	S19 and S23	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:20
S25	2	"20070170843"	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 16:46
S26	2	"20080061674"	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 17:21
S27	2	"20060097647"	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 17:31
S28	2	"20070018574"	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 17:40
S29	32	(("20020043926"   "20030094893"   "20030168643"   "20040124758"   "20040155225"   "20050042743"   "20050156496"   "20050253500"   "20060011922"   "20070018567"   "20070040152"   "20070080326"   "20070248519"   "5374415"   "6255670"   "6670748"   "7061024"). PN.	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 17:50
S30	2	"20070126346"	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 17:55
S31	181	kodak.as. and oxide with (cathode ((negative metal) near2 (pole electrode )))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 18:49
S32	733	kodak.as. and oxide with (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode)))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:26

S33	534281	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 ((element device diode display panel)) ((light photo photon) near3 ((emitting emission emissive emitter) near3 ((element panel display device diode)))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:27
S34	7416	S33 and ((h1l "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with (cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with (anode first\$electrode (first adj2 electrode)) with (phosphor \$4 luminescen\$3 photo \$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:27
S35	100	S32 and S34	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:27
S36	3946	S34 and ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:42

S37	172	S33 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with (cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide))))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:43
S38	172	S33 and S37	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:44
S39	2	S32 and S37	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:44
S40	9754	S33 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with (cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) and (anode first\$electrode (first adj2 electrode)) with (phosphor \$4 luminescen\$3 photo \$luminescen\$3 fluorophor \$lumino\$phor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:50

S41	120	S33 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with (cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide))) and ((anode first\$electrode (first adj2 electrode)) with (phosphor\$4 luminescen\$3 photo\$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:51
S42	410	S33 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide))) and ((cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with oxide) and ((anode first\$electrode (first adj2 electrode)) with (phosphor\$4 luminescen\$3 photo\$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:53

		((emissive emitting emission) near3 (region structure element layer film member)))				
S43	75	S33 and ((hitl "hitl" (MADN PEDOT\$PSS). u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide))) same ((cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with oxide) same ((anode first \$electrode (first adj2 electrode)) with (phosphor \$4 luminescen\$3 photo \$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/13 20:54
S44	1327	kodak.as. and oxide same (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode)))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/30 18:45
S45	52089	kodak.as.	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/30 18:45
S46	5062	kodak.as. and (LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode)))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/30 18:45



S47	830	S46 and oxide same (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode)))	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/01/30 18:49
S48	23	((HISAYUKI) near2 (KAWAMURA)).INV.	USPAT	OR	ON	2009/01/30 18:54
S49	74	((HISAYUKI) near2 (KAWAMURA)).INV.	US-PGRUB; USPAT	OR	ON	2009/01/30 18:54
S50	4	((TADANORI) near2 (JUNKE)).INV.	US-PGRUB; USPAT	OR	ON	2009/01/30 18:55
S51	4	((TADANORI) near2 (JUNKE)).INV.	US-PGRUB; USPAT; USOCR	OR	ON	2009/01/30 19:07
S52	63	((KENICHI) near2 (FUKUOKA)).INV.	US-PGRUB; USPAT; USOCR	OR	ON	2009/01/30 19:08
S53	85	((KENICHI) near2 (FUKUOKA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/01/30 19:08
S55	13	((TADANORI) near2 (JUNKE)).INV.	EPO; JPO; DERWENT	OR	ON	2009/01/30 19:08
S56	1	(10/968240).APP.	USPAT; USOCR	OR	ON	2009/01/30 20:12
S57	7	("6259203"   "6416888"   "6437373"   "6489489"   "6504300"   "6635365"   "6762438").FN.	USPAT; USOCR	OR	ON	2009/01/30 21:21
S58	11	("6259203"   "6416888"   "6437373"   "6489489"   "6504300"   "6635365"   "6762438").FN.	US-PGRUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/01/30 21:21
S59	11	("6259203"   "6416888"   "6437373"   "6489489"   "6504300"   "6635365"   "6762438").FN.	US-PGRUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/02/01 02:57
S60	0	S59 and ((htl "hil" (MADN PEDOT\$PSS).u/c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide))) and ((cathode second \$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with oxide) and ((anode first\$electrode (first adj2 electrode)) with (phosphor\$4 luminescen\$3	US-PGRUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/01 02:57

		photo\$luminescen\$3 fluorophor luminophor fluorescen\$3 phosphorescen\$4 light \$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))				
S61	0	S59 and ((htl "hil" (MADN PEDOT\$PSS).u.c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with ((molybdenum near2 oxide) (vanadium near2 oxide) (rhenium near2 oxide) (ruthenium near2 oxide) (tungsten near2 oxide) (zinc near2 oxide) (titanium near2 oxide) (copper near2 oxide)))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/01 02:58
S62	2	S59 and ((htl "hil" (MADN PEDOT\$PSS).u.c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3))) with oxide)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/01 02:59
S63	11	{"6259203"   "6416888"   "6437373"   "6489489"   "6504300"   "6635365"   "6762438"}.PN.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/02/01 03:15
S64	7	S63 and (htl "hil" (MADN PEDOT\$PSS).u.c. ((hole generation charge) near2 (inject\$3 transfer\$3 transmit transport\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/01 03:15
S65	2	"20070170843"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/01 04:09
S66	0	"1996124679"	JPO; DERWENT	OR	ON	2009/02/01 06:16
S67	2	"08124679"	JPO; DERWENT	OR	ON	2009/02/01 06:16
S68	2	"08124679"	JPO; DERWENT; IBM_TDB	OR	ON	2009/02/01 06:17
S69	135	((HISAYUKI) near2 (KAWAMURA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:53
S70	1	"6423429"	EPO; JPO; DERWENT	OR	ON	2009/02/02 16:13

S71	59	"6423429"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/02 16:13
S72	2	"6423429".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/02 16:14
S73	32	("5247190"   "5281489"   "5405709"   "5512400"   "5540999"   "5719467"   "5800956"   "5834894"   "6013384").PN. OR ("6423429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 16:15
S74	1662	313/512.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 12:57
S75	1662	313/512.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 15:56
S76	172	S75 and (protecting anode conductive) with ((Si Ge Mg Ta Ti Zn Sn In Pb Bi) and (Mo V Cr W Ni Co Mn Ir Pt Pd Ga Pr Nd Sm Eu Gd Tb Dy Er Yb))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 15:56
S77	1	(09/683139).APP.	USPAT; USOCR	OR	ON	2009/02/03 16:29
S78	30	S75 and (cathode conductive) with ((oxide Ti Mo V) with (K Cs Rb Sr Na Li or Ca))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 16:36
S79	8	("2004/0217702").URPN.	USPAT	OR	ON	2009/02/03 16:38
S80	0	(10/638030).APP.	USPAT; USOCR	OR	ON	2009/02/03 16:50
S81	2391113	WO "0124290"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 16:50
S82	1	WO0124290	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 16:51
S83	1	WO0124290	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/02/03 16:52
S84	0	WO124290	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/02/03 16:52
S85	6	"0124290"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/02/03 16:52

S86	31	S75 and (cathode) with ((oxide alkali alkaline) with (Ti Mo V K Cs Fb Sr Na Li or Ca))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/03 16:56
S87	1662	313/512.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 12:24
S88	38	S87 and (protecting anode conductive) with (CdSe CdS ZnS ZnSe)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 12:24
S89	147	S87 and (protecting layer) with (CdSe CdS ZnS ZnSe)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 12:38
S90	485	257/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:10
S91	344	257/613.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:12
S92	6445	313/506	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:27
S93	4909	313/506.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:27
S94	1035	S93 and (semiconductor layer) with (CdSe CdS ZnS ZnSe)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:31
S95	220	S93 and (semiconductor) with (CdSe CdS ZnS ZnSe)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:32
S97	1034	S93 and (protecting insulat \$3) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum near oxide) (ruthenium near oxide) and (vanadium near oxide))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:43

S98	1015	S93 and ( insulat\$3) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum near oxide) (ruthenium near oxide) and (vanadium near oxide))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:43
S99	62	S93 and (protecting ) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum near oxide) (ruthenium near oxide) and (vanadium near oxide))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:44
S100	0	S95 and S99	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:44
S101	2922	S93 and (protecting anode insulat\$3) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum near oxide) (ruthenium near oxide) and (vanadium near oxide) and (vanadium near oxide))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:44

		near oxide))				
S102	139	S101 and S95	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:45
S103	62	S93 and (protecting ) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum near oxide) (ruthenium near oxide) (vanadium near oxide))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:50
S104	855	S93 and (protect\$3 barrier) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum near oxide) (ruthenium near oxide) (vanadium near oxide))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:53
S105	511	S93 and (protect\$3 barrier) with ((aluminum near oxide) (lithium near fluoride) (lithium near oxide) (cesium near fluoride) (cesium near oxide) (magnesium near oxide) (magnesium near fluoride) (calcium near oxide) (calcium near fluoride) (aluminum near nitride) (titanium near oxide) (silicon near oxide) (germanium near oxide) (silicon near nitride) (boron near nitride) (molybdenum	US-PGPUB; USPAT; DERWENT	OR	ON	2009/02/04 14:54

		near oxide) (ruthenium near oxide) (vanadium near oxide))				
SI06	4	US-6762438-\$ D.D. OR US- 6489489-\$ D.D. OR US- 6504300-\$ D.D. OR US- 6437373-\$ D.D.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/04 16:10
SI07	5	10/590076 app. 10/575092. app. 10/574179 app. 10/567903 app. 10/828323. app.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/04 16:15
SI08	10	("20030059647"   "20040032214"   "20070275266"   "5891554"   "7034339"). PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/04 16:21
SI09	3	"10162959"	DERWENT	OR	ON	2009/02/04 17:04
SI10	1	"2004349007"	DERWENT	OR	ON	2009/02/04 17:06
SI11	1	"08185984"	DERWENT	OR	ON	2009/02/04 17:11
SI12	3	"3560375"	DERWENT	OR	ON	2009/02/05 07:45
SI13	0	2000/048431	DERWENT	OR	ON	2009/02/05 08:05
SI14	3	"2000048431"	DERWENT	OR	ON	2009/02/05 08:05
SI15	3	2002/0155319	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/05 08:08
SI16	2	"20020155319"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/05 08:09
SI17	1	(10/123169).APP.	USPAT; USOCR	OR	ON	2009/02/05 08:19
SI18	11	("20010009351"   "20010019783"   "5294810"   "5349209"   "5589733"   "5981092"   "6180217"   "6215245"). PN. OR ("6635365").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 08:20
SI19	2	"2004349007"	JPO; DERWENT	OR	ON	2009/02/05 14:40
SI20	1	"6841932"	JPO; DERWENT	OR	ON	2009/02/05 14:47
SI21	8	"6841932"	US-PGPUB; USPAT	OR	ON	2009/02/05 14:49
SI22	2	"20030234609"	US-PGPUB; USPAT	OR	ON	2009/02/05 14:53

S123	70	("20020180349"   "20030038593"   "3172862"   "4287449"   "4356429"   "4539507"   "4720432"   "4769292"   "4885211"   "5049780"   "5141671"   "5150006"   "5151629"   "5227252"   "5247190"   "5276381"   "5457565"   "5516577"   "5593788"   "5601903"   "5728801"   "5783292"   "5846666"   "5935720"   "5942340"   "5952115"   "6023073"   "6057048"   "6130001"   "6392339"   "6566807"   "6614175"   "6639357").PN. OR ("7288887").URPN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/06 08:49
S124	3	"20030234609"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/06 10:11
S125	0	S124 and trans	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/06 10:44
S126	2	S124 and transparent	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/06 10:44
S127	3	"20040212300"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/06 11:13
S128	5	("20040075628"   "5198723"   "6861162"   "6869693").PN. OR ("7030552").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/06 11:13
S129	0	(10/274265).APP.	USPAT; USOCR	OR	ON	2009/02/06 11:14
S130	4	("2004/0075628").URPN.	USPAT	OR	ON	2009/02/06 11:15
S131	5	313/506.cds. and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("MoO.sub.3" "V. sub.2O.sub.5")	USPAT	OR	ON	2009/02/06 12:57
S132	10	"313". clas. and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("MoO.sub.3" "V. sub.2O.sub.5")	USPAT	OR	ON	2009/02/06 13:00



S133	286	(cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("MoO.sub.3" "V. sub.2O.sub.5")	USPAT	OR	ON	2009/02/06 13:02
S134	47	((LED.U/C. OLED.U/C. OLED. U/C. ((electro\$1luminescen \$ lumines6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("sub.xMoO.sub.3" "V. sub.2O.sub.5")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:08
S135	0	((LED.U/C. OLED.U/C. OLED. U/C. ((electro\$1luminescen \$ lumines6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("sub.xMoO.sub.3" " sub.x.V.sub.2O.sub.5")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:35
S136	1	((LED.U/C. OLED.U/C. OLED. U/C. ((electro\$1luminescen \$ lumines6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("A.sub.xV.sub.2O. sub.5" or "A.sub.xMoO. sub.3")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:40

S137	1	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("K.sub.xV.sub.2O.sub.5" or "A.sub.xMoO.sub.3")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:40
S138	1	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("K.sub.2V.sub.2O.sub.5" or "A.sub.xMoO.sub.3")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:41
S139	0	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("K.sub.2V.sub.2O.sub.5")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:41

S140	0	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("Cs.sub.2V.sub.2O.sub.5")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:41
S141	0	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("Cs.sub.2V.sub.2O.sub.5")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:55
S142	79	(LED.U/C. OLED.U/C. OLED.U/C. ((electro\$1luminescen\$ lumines\$6) near3 (element device diode display panel)) ((light photo photon) near3 (emitting emission emissive emitter) near3 (element panel display device diode))) and (cathode second\$electrode electrode (negative near2 electrode) ((second metal) near2 (conduct\$4 electrode))) with ("V.sub.2O.sub.5")	US-PGPUB; USPAT	OR	ON	2009/02/06 13:55
S143	1	"10294182"	DERWENT	OR	ON	2009/02/06 16:20
S144	1	JP2003141973	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/02/06 16:51
S145	1	"2003141973"	DERWENT	OR	ON	2009/02/06 16:52

S146	1	"2004349007"	DERWENT	OR	ON	2009/02/06 16:52
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